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TO: MAIL STOP AMENDMENT

FROM: DAVID WEITZ

General Counsel & V.P. of I.P.

FAX NUMBER: (571) 273-8300

DATE: MAY 23, 2006

COMPANY: U.S. PATENT AND TRADEMARK
OFFICE

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SENDER'S PHONE NUMBER:

(858) 731-3508

RE: U.S. APPLICATION NO. 09/848,866

SENDER'S FAX NUMBER:

(858) 550-0992

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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|--|----------------------|------------------------|--|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application Number | 09/848,866 | RECEIVED CENTRAL FAX CENTER MAY 23 2006 |
| | Filing Date | May 4, 2001 | |
| | First Named Inventor | Duncan McRee et al. | |
| | Art Unit | 1631 | |
| | Examiner Name | Borin, Michael L. | |
| Total Number of Pages in This Submission | 70 | Attorney Docket Number | TECH-5001-U |

| ENCLOSURES (Check all that apply) | | |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance communication to (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Exhibits A, B and C |
| Remarks _____ | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|------------------------|----------|--------|
| Firm Name | Takeda San Diego, Inc. | | |
| Signature | | | |
| Printed name | David J. Weitz | | |
| Date | May 23, 2006 | Reg. No. | 38,362 |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
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| Signature | | | |
| Typed or printed name | Jennifer L. Sammartin | Date | May 23, 2006 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. Application Serial No. 09/848,866
Amendment dated May 23, 2006
in response to Office Action mailed October 31, 2005
Examiner's Notice of Non-Compliant Amendment dated May 12, 2006

Docket No. TECH-5001-U

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re Patent Application of |) | |
| |) | |
| Duncan McRee et al. |) | Group Art Unit: 1631 |
| |) | |
| Application No.: 09/848,866 |) | Examiner: Borin, Michael L. |
| |) | |
| Filed: May 4, 2001 |) | |
| |) | |
| Title: DETERMINING STRUCTURES BY |) | |
| PERFORMING COMPARISONS |) | |
| BETWEEN MOLECULAR |) | |
| REPLACEMENT RESULTS FOR |) | |
| MULTIPLE DIFFERENT |) | |
| BIOMOLECULES |) | |

**AMENDMENT IN RESPONSE TO OFFICE ACTION
AND NOTICE OF NON-COMPLIANT AMENDMENT**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to Examiner's Office Action dated October 31, 2005 and Examiner's Notice of Non-Compliant Amendment dated May 12, 2006, Applicants respectfully request reconsideration of the above-referenced application in view of the following remarks.

AMENDED SECTIONS

X **Claims** appear at pages 2-13

REMARKS/ARGUMENTS

X **Remarks / Arguments** appear at pages 14-24